Overview

Cloud Architecture examines the skills and knowledge needed to effectively manage structured cloud environments. Through practical application in virtual labs, students will gain hands-on experience for planning and deploying system design and monitoring, as well as performance tuning solutions. Students learn how to choose appropriate core networking service configurations for a given environment, implement authorization and authentication processes, and ensure cloud security. This course provides students authentic learning opportunities for high demand cloud configuration and management skills.

Competencies

- **Systems Evaluation**
  The graduate evaluates current systems to determine alignment with business needs.

- **Deployment Planning**
  The graduate designs a deployment plan for cloud migration that addresses business needs.

- **Cloud Services Management**
  The graduate manages the operation and security of the cloud services throughout the project life cycle.

Learning

**Getting Started**

Welcome to Cloud Architecture. This course employs the uCertify learning platform which contains all of the necessary reading materials, knowledge checks, labs, and videos needed to check your knowledge as you progress through the content.

For the best understanding of the course content, complete each lesson. To help you track your progress, we suggest you follow the pacing guide identified at the beginning of the course.

This is an upper-division course, and it is recommended that you complete the following courses before beginning this course:

- Business of IT – Project Management (C176)
- Desktop Virtualization (D086)
- Data Center Virtualization (D087)

Competency will be demonstrated by the successful completion of a performance assessment.